

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	(mode near2 lock\$3 near3 fiber) and ((optical near3 element) or mirror or reflect\$4 or lens or prism) and (bi-direct\$4 or (bi near1 direct\$4)) and fiber near2 amplif\$4 and polari\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/09/30 07:10
S3	1	((mode near2 lock\$3) or modelock\$4 or (mode-lock\$4)) near3 fiber) and ((optical near3 element) or mirror or reflect\$4 or lens or prism) and (bi-direct\$4 or (bi near1 direct\$4)) and fiber near2 amplif\$4 and polari\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/09/30 07:11
S2	2	("20040213302").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/30 07:20
S4	13	((mode near2 lock\$3) or modelock\$4 or (mode-lock\$4)) near3 fiber) and ((optical near3 element) or mirror or reflect\$4 or lens or prism) and (bi-directional or (bi near1 directional)) and fiber near2 amplif\$4 and polari\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/09/30 07:22
S5	160	((mode near2 lock\$3) or modelock\$4 or (mode-lock\$4)) near3 fiber) and ((optical near3 element) or lens) and (fiber near2 amplif\$4) and polari\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/09/30 07:23
S7	6	((mode near2 lock\$3) or modelock\$4 or (mode-lock\$4)) near3 fiber) and ((optical near3 element) or lens) and (fiber near2 amplif\$4) and polari\$6 and grating and (laser or pump or source) and resonat\$4 and (dispers\$4 near2 control)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/09/30 07:55
S6	6	((mode near2 lock\$3) or modelock\$4 or (mode-lock\$4)) near3 fiber) and ((optical near3 element) or lens) and (fiber near2 amplif\$4) and polari\$6 and grating and laser and resonat\$4 and (dispers\$4 near2 control)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/11/17 08:33
S10	4	S8 and ((mirror or reflect\$4) near6 coefficient\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/11/17 10:17
S9	3	S8 and ((mirror or reflect\$4) near3 coefficient\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/11/17 10:17
S11	11	((mode-lock\$4) or (mode near2 lock\$4)) with fiber) and (mirror or reflect\$4) and grating ((mirror or reflect\$4) near6 coefficient\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/11/17 10:30
S13	142	((Fermann near3 Martin) or (Hartl near3 Ingmar) or (Imeshev near3 Gennady) or (Harter near3 Donald)).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/11/17 10:39

S8	224	(((mode-lock\$4) or (mode near2 lock\$4)) with fiber) and (mirror or reflect\$4) and (optical near3 pulse) and grating	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/11/17 10:39
S15	13	(((mode-lock\$4) or (mode near2 lock\$4) or modelock\$4) with fiber) and (mirror or reflect\$4) and grating and ((mirror or reflect\$4) near6 coefficient\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/11/17 10:54
S14	42	(((mode-lock\$4) or (mode near2 lock\$4)) with fiber) and (mirror or reflect\$4) and grating and S13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/11/17 10:54
S12	13	(((mode-lock\$4) or (mode near2 lock\$4) or modelock\$4) with fiber) and (mirror or reflect\$4) and grating ((mirror or reflect\$4) near6 coefficient\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/11/17 10:54
S16	11	(((mode-lock\$4) or (mode near2 lock\$4)) with fiber) and (mirror or reflect\$4) and grating and ((mirror or reflect\$4) near6 coefficient\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/11/17 10:57
S18	1	((mode-lock\$4) or (mode near2 lock\$4) or modelock\$) and fiber and amplif\$4 and oscillat\$4 and (mirror or reflect\$4) and grating and ((mirror or reflect\$4) near6 coefficient\$4) and S13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/11/17 10:59
S17	147	((mode-lock\$4) or (mode near2 lock\$4) or modelock\$) and fiber and amplif\$4 and oscillat\$4 and (mirror or reflect\$4) and grating and ((mirror or reflect\$4) near6 coefficient\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/11/17 10:59
S21	42	(US-20050238070-\$ or US-20050232313-\$ or US-20050225846-\$ or US-20050163426-\$ or US-20050111500-\$ or US-20050105865-\$ or US-20050041702-\$ or US-20050008044-\$ or US-20040263949-\$ or US-20040240037-\$ or US-20040213302-\$ or US-20040075883-\$ or US-20030202547-\$ or US-20020172486-\$ or US-20020097761-\$ or US-20020034199-\$ or US-20010024458-\$).did. or (US-6956887-\$ or US-6954575-\$ or US-6885683-\$ or US-6819694-\$ or US-6744555-\$ or US-6549547-\$ or US-6396856-\$ or US-6344921-\$ or US-6334011-\$ or US-6275512-\$ or US-6252892-\$ or US-6208458-\$ or US-6198568-\$ or US-6181463-\$ or US-6154310-\$ or US-6072811-\$ or US-6014249-\$ or US-5880877-\$ or US-5867304-\$ or US-5847863-\$ or US-5778016-\$ or US-5696782-\$ or US-5627848-\$ or US-5499134-\$ or US-5450427-\$).did.	US-PGPUB; USPAT	AND	ON	2005/11/17 11:00
S20	47	((mode-lock\$4) or (mode near2 lock\$4) or modelock\$) and (fiber with amplif\$4 or oscillat\$4)) and (mirror or reflect\$4) and grating and ((mirror or reflect\$4) near6 coefficient\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/11/17 11:00
S23	192	((mode-lock\$4) or (mode near2 lock\$4) or modelock\$) and (fiber with amplif\$4) and (fiber with oscillat\$4) and (mirror or reflect\$4) and grating	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/11/17 11:03

S19	2	((mode-lock\$4) or (mode near2 lock\$4) or modelock\$) and (fiber with (amplif\$4 and oscillat\$4)) and (mirror or reflect\$4) and grating and ((mirror or reflect\$4) near6 coefficient\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/11/17 11:03
S24	19	("4750809" "5185827" "5499134" "5510743" "5631758" "5818630" "5847863" "5880877" "5960016" "5998759" "6014249" "6072811" "6154310" "6181463" "6275250" "6281471" "6449301" "6480656" "6496301").PN. OR ("6885683").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2005/11/17 11:11
S22	2	((mode-lock\$4) or (mode near2 lock\$4) or modelock\$) and (fiber with amplif\$4) and (fiber with oscillat\$4) and (mirror or reflect\$4) and grating and ((mirror or reflect\$4) near6 coefficient\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/11/17 13:29
S25	11	((mode-lock\$4) or (mode near2 lock\$4) or modelock\$) and (fiber with amplif\$4) and (fiber with oscillat\$4) and (mirror or reflect\$4) and grating and (partial\$3 near5 transmis\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/11/17 13:30
S28	102	((mode-lock\$4) or (mode near2 lock\$4) or modelock\$) and (fiber near3 amplif\$4) and (fiber near3 oscillat\$4) and (mirror or reflect\$4) and grating	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/11/17 13:42
S27	7	((mode-lock\$4) or (mode near2 lock\$4) or modelock\$) and (fiber near3 amplif\$4) and (fiber near3 oscillat\$4) and (mirror or reflect\$4) and grating and ((partial\$3 near5 transmis\$4) or (reflec\$4 near3 coefficient))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/11/17 13:42
S30	6	((mode-lock\$4) or (mode near2 lock\$4) or modelock\$) and (fiber near3 amplif\$4) and (fiber near3 oscillat\$4) and (mirror or reflect\$4) and grating and polariz\$5 and ((partial\$3 near5 transmis\$4) or (reflec\$4 near3 coefficient))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/11/17 13:43
S29	83	((mode-lock\$4) or (mode near2 lock\$4) or modelock\$) and (fiber near3 amplif\$4) and (fiber near3 oscillat\$4) and (mirror or reflect\$4) and grating and polariz\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/11/17 15:59
S26	12	((mode-lock\$4) or (mode near2 lock\$4) or modelock\$) and (fiber with amplif\$4) and (fiber with oscillat\$4) and (mirror or reflect\$4) and grating and ((partial\$3 near5 transmis\$4) or (reflec\$4 near3 coefficient))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/11/17 16:16
S31	6	((mode-lock\$4) or (mode near2 lock\$4) or modelock\$) with (fiber with oscillat\$4) and (fiber with amplif\$4) and (mirror or reflect\$4) and grating and ((partial\$3 near5 transmis\$4) or (reflec\$4 near3 coefficient))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/11/17 16:19
S32	63	((mode-lock\$4) or (mode near2 lock\$4) or modelock\$) with (fiber with oscillat\$4) and (fiber with amplif\$4) and (mirror or reflect\$4) and grating and polariz\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/11/17 16:22
S33	43	((mode-lock\$4) or (mode near2 lock\$4) or modelock\$) with (fiber near4 oscillat\$4) and (fiber near4 amplif\$4) and (mirror or reflect\$4) and grating and polariz\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/11/17 16:23

S34	0	((("5687261") or ("5530582") or ("5889901") or ("5917179") or ("5926492") or ("5189483") or ("5539761") or ("5905745") or ("H000015") or ("5208819") or ("5379309") or ("5600665") or ("5777778") or ("5956173") or ("6154310") or ("4486657") or ("4903341") or ("5016242") or ("5374935") or ("5590143") or ("5696779") or ("5867304") or ("6094971") or ("6178036") or ("5204640") or ("5621514") or ("5754607") or ("6118565") or ("6275512") or ("6333942") or ("6334011") or ("6549547") or ("6738408") or ("6744555") or ("6867904") or ("5723856") or ("5302918") or ("5432827") or ("5623359") or ("5757240") or ("4297656") or ("4540282") or ("4868896") or ("5353033") or ("5373261") or ("5754437") or ("6078356") or ("4264875") or ("4307409") or ("4577508").pn.) or ("4622586") or ("4958910") or ("5007106") or ("5050173") or ("5177449") or ("5223802") or ("5235452") or ("5239400") or ("5355124") or ("5457559") or ("5495232") or ("5504610") or ("5623233") or ("5644664") or ("5710649") or ("5742208") or ("5939924") or ("6246738") or ("6310715") or ("6353490") or ("6493131") or ("6509801") or ("6560007") or ("6751240") or ("6870629") or ("5200795") or ("5443227") or ("5790722") or ("4621925") or ("4866266") or ("5185828") or ("5513195") or ("5945667") or ("4399564") or ("4794249") or ("4812639") or ("4853528") or ("5208881") or ("5397889") or ("5568309") or ("5666372") or ("6144677") or ("6181465") or ("4284963") or ("4299490") or ("4886333") or ("4918491") or ("4973169") or ("5019826") or ("5208699").pn.)).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/17 16:35
S36	195	("5687261" "5530582" "5889901" "5917179" "5926492" "5189483" "5539761" "5905745" "H000015" "5208819" "5379309" "5600665" "5777778" "5956173" "6154310" "4486657" "4903341" "5016242" "5374935" "5590143" "5696779" "5867304" "6094971" "6178036" "5204640" "5621514" "5754607" "6118565" "6275512" "6333942" "6334011" "6549547" "6738408" "6744555" "6867904" "5723856" "5302918" "5432827" "5623359" "5757240" "4297656" "4540282" "4868896" "5353033" "5373261" "5754437" "6078356" "4264875" "4307409" "4577508").pn. ("4622586" "4958910" "5007106" "5050173" "5177449" "5223802" "5235452" "5239400" "5355124" "5457559" "5495232" "5504610" "5623233" "5644664" "5710649" "5742208" "5939924" "6246738" "6310715" "6353490" "6493131" "6509801" "6560007" "6751240" "6870629" "5200795" "5443227" "5790722" "4621925" "4866266" "5185828" "5513195" "5945667" "4399564" "4794249" "4812639" "4853528" "5208881" "5397889" "5568309" "5666372" "6144677" "6181465" "4284963" "4299490" "4886333" "4918491" "4973169" "5019826" "5208699").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/17 16:37
S37	195	((("5687261") or ("5530582") or ("5889901") or ("5917179") or ("5926492") or ("5189483") or ("5539761") or ("5905745") or ("H000015") or ("5208819") or ("5379309") or ("5600665") or ("5777778") or ("5956173") or ("6154310") or ("4486657") or ("4903341") or ("5016242") or ("5374935") or ("5590143") or ("5696779") or ("5867304") or ("6094971") or ("6178036") or ("5204640") or ("5621514") or ("5754607") or ("6118565") or ("6275512") or ("6333942") or ("6334011") or ("6549547") or ("6738408") or ("6744555") or ("6867904") or ("5723856") or ("5302918") or ("5432827") or ("5623359") or ("5757240") or ("4297656") or ("4540282") or ("4868896") or ("5353033") or ("5373261") or ("5754437") or ("6078356") or ("4264875") or ("4307409") or ("4577508") or ("4622586") or ("4958910") or ("5007106") or ("5050173") or ("5177449") or ("5223802") or ("5235452") or ("5239400") or ("5355124") or ("5457559") or ("5495232") or ("5504610") or ("5623233") or ("5644664") or ("5710649") or ("5742208") or ("5939924") or ("6246738") or ("6310715") or ("6353490") or ("6493131") or ("6509801") or ("6560007") or ("6751240") or ("6870629") or ("5200795") or ("5443227") or ("5790722") or ("4621925") or ("4866266") or ("5185828") or ("5513195") or ("5945667") or ("4399564") or ("4794249") or ("4812639") or ("4853528") or ("5208881") or ("5397889") or ("5568309") or ("5666372") or ("6144677") or ("6181465") or ("4284963") or ("4299490") or ("4886333") or ("4918491") or ("4973169") or ("5019826") or ("5208699").pn.)).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/17 16:38

S35	96	("5687261" "5530582" "5889901" "5917179" "5926492" "5189483" "5539761" "5905745" H000015 "5208819" "5379309" "5600665" "5777778" "5956173" "6154310" "4486657" "4903341" "5016242" "5374935" "5590143" "5696779" "5867304" "6094971" "6178036" "5204640" "5621514" "5754607" "6118565" "6275512" "6333942" "6334011" "6549547" "6738408" "6744555" "6867904" "5723856" "5302918" "5432827" "5623359" "5757240" "4297656" "4540282" "4868896" "5353033" "5373261" "5754437" "6078356" "4264875" "4307409" "4577508").pn. ("4622586" "4958910" "5007106" "5050173" "5177449" "5223802" "5235452" "5239400" "5355124" "5457559" "5495232" "5504610" "5623233" "5644664" "5710649" "5742208" "5939924" "6246738" "6310715" "6353490" "6493131" "6509801" "6560007" "6751240" "6870629" "5200795" "5443227" "5790722" "4621925" "4866266" "5185828" "5513195" "5945667" "4399564" "4794249" "4812639" "4853528" "5208881" "5397889" "5568309" "5666372" "6144677" "6181465" "4284963" "4299490" "4886333" "4918491" "4973169" "5019826" "5208699").pn. and (((mode-lock\$4) or (mode near2 lock\$4) or modelock\$4) with (fiber near4 oscillat\$4)) and (fiber near4 amplif\$4) and (mirror or reflect\$4) and grating and polariz\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/17 16:38
S39	1	S35 and (((mode-lock\$4) or (mode near2 lock\$4) or modelock\$4) with (fiber near4 oscillat\$4)) and (fiber near4 amplif\$4) and (mirror or reflect\$4) and grating and polariz\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/11/17 16:39
S38	100	((("5687261") or ("5530582") or ("5889901") or ("5917179") or ("5926492") or ("5189483") or ("5539761") or ("5905745") or ("H000015") or ("5208819") or ("5379309") or ("5600665") or ("5777778") or ("5956173") or ("6154310") or ("4486657") or ("4903341") or ("5016242") or ("5374935") or ("5590143") or ("5696779") or ("5867304") or ("6094971") or ("6178036") or ("5204640") or ("5621514") or ("5754607") or ("6118565") or ("6275512") or ("6333942") or ("6334011") or ("6549547") or ("6738408") or ("6744555") or ("6867904") or ("5723856") or ("5302918") or ("5432827") or ("5623359") or ("5757240") or ("4297656") or ("4540282") or ("4868896") or ("5353033") or ("5373261") or ("5754437") or ("6078356") or ("4264875") or ("4307409") or ("4577508") or ("4622586") or ("4958910") or ("5007106") or ("5050173") or ("5177449") or ("5223802") or ("5235452") or ("5239400") or ("5355124") or ("5457559") or ("5495232") or ("5504610") or ("5623233") or ("5644664") or ("5710649") or ("5742208") or ("5939924") or ("6246738") or ("6310715") or ("6353490") or ("6493131") or ("6509801") or ("6560007") or ("6751240") or ("6870629") or ("5200795") or ("5443227") or ("5790722") or ("4621925") or ("4866266") or ("5185828") or ("5513195") or ("5945667") or ("4399564") or ("4794249") or ("4812639") or ("4853528") or ("5208881") or ("5397889") or ("5568309") or ("5666372") or ("6144677") or ("6181465") or ("4284963") or ("4299490") or ("4886333") or ("4918491") or ("4973169") or ("5019826") or ("5208699")).PN.	USPAT	OR	OFF	2005/11/17 17:03
L1	395	(fiber near4 oscillat\$4) and (fiber near4 amplif\$4) and (mirror\$1 or reflect\$4) and grating	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/11/18 07:36
L3	99	(fiber near4 oscillat\$4) and (fiber near4 amplif\$4) and (mirror\$1 or reflect\$4) and grating and ((mode-lock\$4) or modelock\$4 or (mode near2 lock\$4)) and pump\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/11/18 07:55
L2	113	(fiber near4 oscillat\$4) and (fiber near4 amplif\$4) and (mirror\$1 or reflect\$4) and grating and ((mode-lock\$4) or modelock\$4 or (mode near2 lock\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/11/18 07:55

L5	2	("20050008044").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/18 09:18
L4	113	(fiber near4 oscillat\$4) and (fiber near4 amplif\$4) and (mirror\$1 or reflect\$4) and grating and ((mode-lock\$4) or modelock\$4 or (mode near2 lock\$4)) and (pump\$4 or laser)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/11/18 11:30
L7	22	6 not 4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/11/18 11:31
L6	135	(fiber near4 oscillat\$4) and (fiber near4 amplif\$4) and (mirror\$1 or reflect\$4) and (grating or dispers\$4) and ((mode-lock\$4) or modelock\$4 or (mode near2 lock\$4)) and (pump\$4 or laser)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/11/18 12:04
L9	3	((fiber near4 oscillat\$4) and (fiber near4 amplif\$4) and (mirror\$1 or reflect\$4) and (grating or dispers\$4) and ((mode-lock\$4) or modelock\$4 or (mode near2 lock\$4)) and (pump\$4 or laser)).clm.	US-PGPUB	AND	ON	2005/11/18 12:05
L8	5	((fiber near4 oscillat\$4) and (fiber near4 amplif\$4) and (mirror\$1 or reflect\$4) and (grating or dispers\$4) and ((mode-lock\$4) or modelock\$4 or (mode near2 lock\$4)) and (pump\$4 or laser)).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/11/18 12:05

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COUPLED OPTO-ELECTRONIC OSCILLATORS

RLB COEO - ieeexplore.ieee.org

... we demonstrated a Coupled Opto-Electronic Oscillator (COEO) in ... The devices **mode-locked** best near threshold (as seen ... use of the Er doped **fiber amplifier** (EDFA) in ...

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Soliton Dynamics in Mode-Locked Lasers

ST Cundiff - [springerlink.com](https://www.springerlink.com)

... two ba-sic constituents of any **oscillator**, namely amplification ... is the erbium-doped **fiber amplifier** (EDFA) [4 ... Prior to their observation in a **fiber laser** [15 ...

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b input locking frequency c 5th mode frequency

XS Yao, L Maleki - ieeexplore.ieee.org

... 2)aR is satisfied, no **amplifier** is required ... Microwave and millimeter-wave **fiber optic** technologies ... E: 'Nonlinear electrooptic **oscillator** using an integrated ...

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Ultrahigh-speed optical time-division-multiplexed transmission technology based on optical signal ...

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... PLL based on FWM in a semiconductor laser **amplifier** (SLA ... requirement is synchronization to a master **oscillator** to realize ... of a beat signal in a **fiber** [15], and ...

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[BOOK] Compact sources of ultrashort pulses

IN Duling, ML Dennis - 1995 - print.google.com

... phase epitaxy OPO optical parametric **oscillator** OSA optical ... dispersion TWA traveling-wave (laser) **amplifier** UV ultraviolet ... of the modeling of **fiber** lasers. ...

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R Allen, L Esterowitz - ELECTRONICS LETTERS, 1995 - ieexplore.ieee.org
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inserted after drive **amplifier** ... ing when the drive **oscillator** is ,lightly ...
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... **oscillator** with the 300 kHz tone applied. 101 3-17 Dispersion-managed
recirculating loop. MLLD is **mode-locked laser** ... EDFA is erbium-doped **fiber amplifier**. ...
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Optical Interconnects to Silicon Chips using Short Pulses

D Agarwal - stanford.edu
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fiber coarse-WDM and TDM parallel ... dense-WDM and TDM Single **mode fiber** ...
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Dispersion measurements for femtosecond-pulse generation and applications

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has been studied with ... surements of dispersion in short **fiber** lengths (< 1 ...
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Ferenc Krausz, **Martin E. Fermann**, Thomas Brabec, Peter. F. Curley, **Martin Hofer**,
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Mode-locked multi-Mode fiber laser pulse source patent

Inventors: **Martin E. Fermann**, Donald J. Harter ... well and bulk semiconductor

saturable absorbers have also been used to **Mode-lock** color center lasers ...

www.freshpatents.com/Mode-locked-multi-mode-fiber-laser-pulse-source-dt20050113ptan20050008044.php - 99k - Supplemental Result -

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Inventors: **Fermann, Martin E.**; (Dexter, MI) ; Harter, Donald J.; (Ann Arbor,

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